

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"US 20070189702"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/02/12 08:06
S2	1	"11358299"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 08:07
S3	4	("5188983"   "6222304").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 08:09
S4	449	310/800.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 08:17
S5	1880	310/365,366.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 09:48
S6	484	piezo\$ with polymer with actuator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 16:39
S7	725	310/367,371.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 07:16
S8	1662	310/330-332.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 08:37

S9	2	"4982121".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 08:59
S10	8	("6376971" "6358021" "5774252" "4690353"). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 13:39
S11	3	"4446031".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/02/13 13:52
S12	460	310/800.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 08:00
S13	1921	310/365,366.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 08:00
S14	734	310/367,371.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 08:00
S15	1699	310/330-332.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 08:00
S16	542	piezo\$ with polymer with actuator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 08:00

S17	21	("3940637"   "4184094"   "4539575"   "4642508"   "4888598"   "5309519"   "5589725"   "5600197"   "5736808"   "5831371"   "5973441"   "5997671"   "6017117"   "6042345"   "6060811"   "6091182").PN. OR ("6222304").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/11 08:44
S18	16	("3549964"   "4629149"   "4678144"   "4875644"   "4894569").PN. OR ("4982121").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/11 08:47
S19	78	("3370187"   "3479536"   "3510698"   "4072959"   "4140936"   "4409601"   "4431934"   "4438441").PN. OR ("4539575").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/11 08:49
S20	479	310/800.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 16:27
S21	2040	310/365,366.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 16:27
S22	669	piezo\$ with polymer with actuator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 16:27
S23	760	310/367,371.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 16:27
S24	1763	310/330-332.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 16:27

S25	23	("3940637"   "4184094"   "4539575"   "4642508"   "4888598"   "5309519"   "5589725"   "5600197"   "5736808"   "5831371"   "5973441"   "5997671"   "6017117"   "6042345"   "6060811"   "6091182").PN. OR ("6222304").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/21 16:27
S26	16	("3549964"   "4629149"   "4678144"   "4875644"   "4894569").PN. OR ("4982121").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/21 16:27
S27	83	("3370187"   "3479536"   "3510698"   "4072959"   "4140936"   "4409601"   "4431934"   "4438441").PN. OR ("4539575").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/21 16:27
S28	21	(US-20070189702-\$ or US-20060239635-\$ or US-20060113880-\$ or US-20060022558-\$ or US-20020043901-\$ or US-20070170822-\$ or US-20060192465-\$ or US-20040263028-\$ or US-20050168108-\$ or US-20020122561-\$). did. or (US-6222304-\$ or US-6492762-\$ or US-3940637-\$ or US-6798123-\$ or US-6522052-\$ or US-6208026-\$ or US-6111339-\$ or US-4045695-\$ or US-4982121-\$ or US-4539575-\$ or US-6803700-\$). did.	US-PGPUB; USPAT	OR	ON	2009/07/25 15:33
S29	13	S28 and (polymer pvdf)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:33

S30	541	piezoelectric with polymer with actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 16:13
S31	4938	polymer with actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 16:34
S32	511846	(conduct\$3 metal\$3) near4 substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 16:34
S33	839	S31 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 16:35
S34	26	("20020191267" "20060192465" "5682075" "6376971" "6420814" "5206557" "20060186700" "5290400" "5563466" "2975307" "6684469" "6198204" "5662294").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 16:40
S35	14	("6646364" "20040056742" "7105758" "7256670" "7053737" "20070024403" "6485273").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 16:42
S36	3	("5481152"   "5556700"   "6109852").PN. OR ("7064473").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/25 20:30
S37	17	("20020012156"   "20020177039"   "5210217"   "5556700"   "5886854"   "6157113"   "6249076"   "6326215"   "6455873"   "6468785"   "6510042"   "6555945"   "6577039"   "6587250").PN. OR ("6982514").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/25 20:32

S38	70	("5100933"   "5384029"   "5389222"   "5556700"   "5766013"   "6084321"   "6109852").PN. OR ("6249076").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/25 20:33
S39	36	("6141571"   "6156842"   "6376971"   "6388043"   "6514895"   "6519074"   "6683516"   "6709739"   "6774077"   "6781284"   "6793937"   "6795296"   "6812624"   "6813064"   "6876279"   "6882086"   "6905989").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 21:09
S40	21	("20020166212"   "20050235537"   "20070285870"   "20080075930"   "3634740"   "4257083"   "5638249"   "5745331"   "6781812").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 21:11
S41	7	("2975307"   "6184605"   "6791817").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 21:13
S42	7	("6184608" "6791817" "2975307").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 21:15
S43	164	310/309.ccls. and polymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 21:17

S44	51	("2266070"   "2807731"   "3313959"   "3414832"   "4166967"   "4456850"   "4502932"   "4556812"   "4616152"   "4640756"   "4642508"   "4672591"   "4719383"   "4749900"   "5011568"   "5075641"   "5162691"   "5198716"   "5373268").PN. OR ("5596239").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/26 08:19
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**EAST Search History (Interference)**

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